

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claims 1-53. (Canceled)

Claim 54. (Currently Amended) A peptide comprising

~~²⁶C-F-X₁-X₂-X₃-X₄-X₅-X₆-X₇-K-V-R³¹ 20Cys-Phe-X₁-X₂-X₃-X₄-X₅-X₆-X₇-Lys-Val-Arg³¹~~

(SEQ ID NO: 99)

wherein X₁ is Gln, or Ala; X₂ is Trp or Leu; X₃ is Gln, Lys, Orn, Ala, or Nle; X₄ is Arg, Lys, Ala; X₅ is Asn, Orn, Ala, or Nle; X₆ is Met or Leu; and X₇ is Arg or Lys, ~~or a functionally equivalent homolog or analog of the peptide~~, and wherein SEQ ID NO: 38 is excluded.

Claim 55. (Previously Presented) The peptide of claim 54, wherein the peptide is SEQ ID NO: 70, 72, 73, 74, 80-83, 87-91, 93-95 or 97.

Claim 56. (Currently Amended) The peptide of claim 54, wherein X₁ is ~~Q~~ Gln and X₅ is ~~N~~ Asn.

Claim 57. (Currently Amended) The peptide of claim 54, wherein the peptide further comprises GPPVSCIKR Gly Pro Pro Val Ser Cys Ile Lys Arg (SEQ ID NO: 101) at the carboxy terminus ~~or a functionally equivalent homolog or analog of the peptide~~.

Claim 58. (Currently Amended) The peptide of claim 54, wherein the peptide further comprises TK or EATK Thr Lys or Glu Ala Thr Lys (SEQ ID NO: 102) at the amino terminus of the peptide.

Claim 59. (Currently Amended) The peptide of claim 57, wherein the peptide further comprises TK or EATK Thr Lys or Glu Ala Thr Lys (SEQ ID NO: 102) at the amino terminus of the peptide.

Claim 60. (Currently Amended) The peptide of claim 54 57, wherein the peptide is cyclised through a disulfide bridge ~~or a functionally equivalent homolog or analog of the peptide~~.

Claim 61. (Currently Amended) The peptide of claim 55, wherein the peptide further comprises GPPVSCIKR (SEQ ID NO: 101) at the carboxy terminus ~~or a functionally equivalent homolog or analog of the peptide~~.

Claim 62. (Previously Presented) The peptide of claim 55, wherein the peptide further comprises TK or EATK (SEQ ID NO: 102) at the amino terminus of the peptide.

Claim 63. (Previously Presented) The peptide of claim 61, wherein the peptide further comprises TK or EATK (SEQ ID NO: 102) at the amino terminus of the peptide.

Claim 64. (Currently Amended) The peptide of claim 61, wherein the peptide is cyclised through a disulfide bridge ~~or a functionally equivalent homolog or analog of the peptide.~~

Claim 65. (Currently Amended) The peptide of claim 54, wherein the N-terminal amino acid of the peptide is acetylated and/or amidated.

Claim 66. (Currently Amended) The peptide of claim 54, wherein the cysteine is replaced by an acetamidomethyl-cysteine, ~~or a functionally equivalent homolog or analog of the peptide.~~

Claim 67. (Previously Presented) The peptide of claim 54, wherein the peptide comprises any of SEQ ID NOS: 68-96.

Claim 68. (Previously Presented) The peptide of claim 55 comprising SEQ ID NO: 70 or 74.

Claim 69. (Previously Presented) The peptide of claim 55 comprising SEQ ID NO: 81 or 83.

Claim 70. (Previously Presented) The peptide of claim 55 comprising SEQ ID NO: 87 or 89.

Claim 71. (Previously Presented) The peptide of claim 55 comprising SEQ ID NO: 91.

Claim 72. (Previously Presented) A peptide of claim 54, wherein the peptide has a capped C-terminus.

Claim 73. (Previously Presented) The peptide of claim 72, wherein the peptide is SEQ ID NO: 47 or 92.

Claim 74. (Previously Presented) A peptide of claim 72, wherein the peptide further has a capped N-terminus.

Claim 75. (Previously Presented) A medicinal product comprising a peptide of claim 54.

Claim 76. (Previously Presented) A medicinal product comprising a peptide of claim 55.

Claim 77. (Currently Amended) The medicinal product of claim 75 for treatment ~~and/or~~ prevention of infections ~~and/or~~ inflammations.

Claim 78. (Currently Amended) The medicinal product of claim 77 for treatment ~~and/or~~ prevention of a urinary tract infection.

Claim 79. (Currently Amended) The medicinal product of claim 77 for treatment ~~and/or~~ prevention of colitis.

Claim 80. (Previously Presented) The medicinal product of claim 77 for treatment of a candida infection on a mucosal membrane.

Claim 81. (Previously Presented) The medicinal product of claim 75 formulated for parenteral administration.

Claim 82. (Previously Presented) The medicinal product of claim 75 formulated for oral administration.

Claim 83. (Previously Presented) The medicinal product of claim 75 formulated for topical administration.

Claim 84. (Previously Presented) The medicinal product of claim 83 formulated for administration on mucosal membranes.

Claim 85. (Previously Presented) A food stuff comprising a peptide of claim 54.

Claim 86. (Previously Presented) The food stuff of claim 85, wherein the food stuff is an infant formula food.

Claim 87. (Previously Presented) A method of treating or preventing infections or inflammations comprising administering to a patient in need thereof an effective amount of a peptide of claim 54.

Claim 88. (Previously Presented) A method of treating or preventing infections or inflammations comprising administering to a patient in need thereof an effective amount of a peptide of claim 55.

Claim 89. (Previously Presented) The method of claim 87, wherein the infection is an urinary tract infection.

Claim 90. (Previously Presented) The method of claim 87, wherein the inflammation or infection is colitis.

Claim 91. (Previously Presented) The method of claim 87, wherein the infection is a candida infection on a mucosal membrane.

Claim 92. (Previously Presented) The method of claim 87, wherein the peptide is administered orally.

Claim 93. (Previously Presented) The method of claim 87, wherein the peptide is administered parenterally.

Claim 94. (Previously Presented) The method of claim 87, wherein the peptide is administered topically.

Claim 95. (Previously Presented) The method of claim 94, wherein the peptide is administered on mucosal membranes.

Claim 96. (Previously Presented) The method of claim 92, wherein the peptide is administered orally in a food stuff.

Claim 97. (Previously Presented) The method of claim 96, wherein food stuff is an infant formula food.

Claim 98. (New) The peptide of claim 54, wherein the N-terminal amino acid of the peptide is acetylated or amidated.